Nokia 1112 User's Guide

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For your safety

Read these simple guidelines. Not following them may be dangerous or illegal. Read the complete user guide for further information.

SWITCH ON SAFELY

Do not switch the phone on when wireless phone use is prohibited or when it may cause interference or danger.

ROAD SAFETY COMES FIRST

Obey all local laws. Always keep your hands free to operate the vehicle while driving. Your first consideration while driving should be road safety.

INTERFERENCE

All wireless phones may be susceptible to interference, which could affect performance.

SWITCH OFF IN HOSPITALS

Follow any restrictions. Switch the phone off near medical equipment.

SWITCH OFF IN AIRCRAFT

Follow any restrictions. Wireless devices can cause interference in aircraft.

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SWITCH OFF WHEN REFUELLING

Do not use the phone at a refuelling point. Do not use near fuel or chemicals.

SWITCH OFF NEAR BLASTING

Follow any restrictions. Do not use the phone where blasting is in progress.

USE SENSIBLY

Use only in the normal position as explained in the product documentation. Do not touch the antenna unnecessarily.

QUALIFIED SERVICE

Only qualified personnel may install or repair this product.

ENHANCEMENTS AND BATTERIES

Use only approved enhancements and batteries. Do not connect incompatible products.

WATER-RESISTANCE

Your phone is not water-resistant. Keep it dry.

BACK-UP COPIES

Remember to make back-up copies or keep a written record of all important information stored in your phone.

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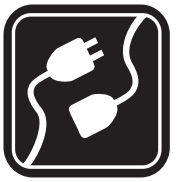

CONNECTING TO OTHER DEVICES

When connecting to any other device, read its user guide for detailed safety instructions. Do not connect incompatible products.

EMERGENCY CALLS

Ensure the phone is switched on and in service. Press the end key as many times as needed to clear the display and return to the start screen. Enter the emergency number, then press the call key. Give your location. Do not end the call until given permission to do so.

About your device

The wireless device described in this guide is approved for use on the EGSM 900 and GSM 1800 networks. Contact your service provider for more information about networks.

When using the features in this device, obey all laws and respect privacy and legitimate rights of others.

Warning: To use any features in this device, other than the alarm clock, the device must be switched on. Do not switch the device on when wireless device use may cause interference or danger.

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Network services

To use the phone you must have service from a wireless service provider. Many of the features in this device depend on features in the wireless network to function. These network services may not be available on all networks or you may have to make specific arrangements with your service provider before you can utilize network services. Your service provider may need to give you additional instructions for their use and explain what charges will apply. Some networks may have limitations that affect how you can use network services. For instance, some networks may not support all language-dependent characters and services.

Your service provider may have requested that certain features be disabled or not activated in your device. If so, they will not appear on your device menu. Your device may also have been specially configured. This configuration may include changes in menu names, menu order and icons. Contact your service provider for more information.

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Chargers and enhancements

Always switch the device off and disconnect the charger before removing the battery.

Check the model number of any charger before use with this device. This device is intended for use when supplied with power from the ACP-7 and ACP-12 chargers.

Warning: Use only batteries, chargers, and enhancements approved by Nokia for use with this particular model. The use of any other types may invalidate any approval or warranty, and may be dangerous.

For availability of approved enhancements, please check with your dealer.

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General information

Access codes

- The security code, supplied with the phone, helps to protect your phone against unauthorized use. The preset code is 12345.
- The PIN code, supplied with the SIM card, helps to protect the card against unauthorized use.
- The PIN2 code, supplied with some SIM cards, is required to access certain services.
- PUK and PUK2 codes may be supplied with the SIM card. If you enter the PIN or PIN2 code incorrectly three times in succession, you will be asked for the PUK or PUK2 code. If you do not have them, contact your local service provider.

Select **Menu** > *Settings* > *Security settings* to set how your phone uses the access codes and security settings.

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Shared memory

The following features in this device may share memory: *Messages*, *Contacts*, and *Composer*. Use of one or more of these features may reduce the memory available for the remaining features sharing memory. For example, saving many text messages may use all of the available memory. Your device may display a message that the memory is full when you try to use a shared memory feature. In this case, delete some of the information or entries stored in the shared memory features before continuing. Some of the features, such as *Contacts* may have a certain amount of memory specially allotted to them in addition to the memory shared with other features.

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Nokia support and contact information

For the latest version of this guide, downloads, services and additional information related to your Nokia product, please visit www.nokia-asia.com/1112/support or your local Nokia web site. You may also download free configuration settings such as MMS, GPRS, e-mail, and other services for your phone model at www.nokia-asia.com/phonesettings.

Should you still require assistance, please refer to www.nokia-asia.com/contactus.

To check for the nearest Nokia care center location for maintenance services, you may like to visit www.nokia-asia.com/repair.

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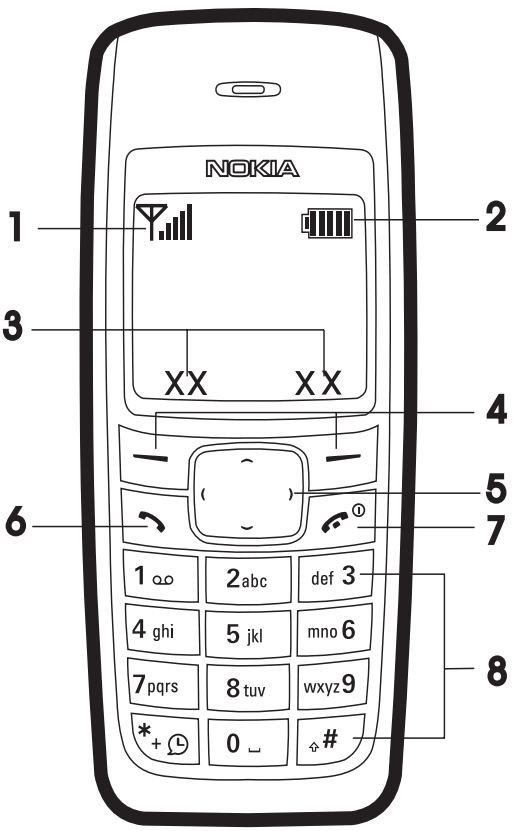
1. Get started

How to get started

When the phone is ready for use and no characters have been keyed in, the phone is in the standby mode.

- Network intensity (1)
- Battery charge level (2)
- Selection key functions (3)
- Selection keys (4)
- Scroll keys (5)
- Call key (6)
- End key and power key (7)
- Keypad (8)



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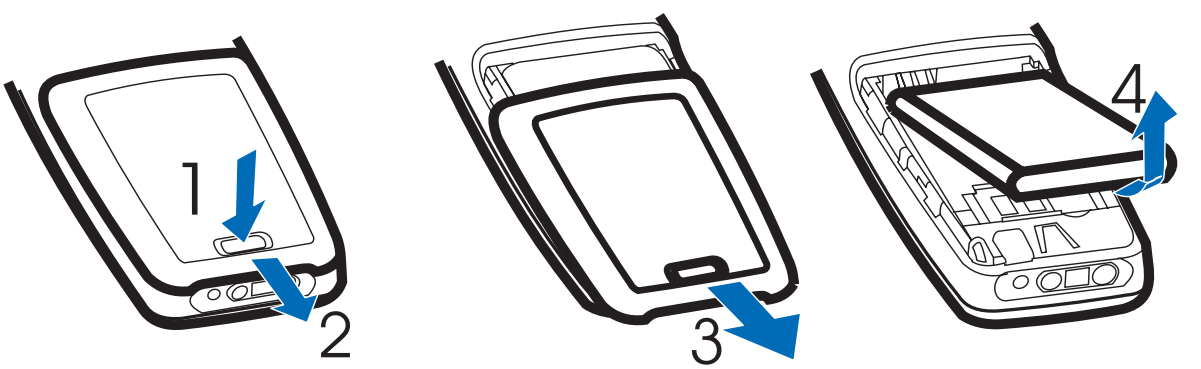
Insert a SIM card and battery

Keep all SIM cards out of the reach of small children.

For availability and information on using SIM card services, contact your SIM card vendor. This may be the service provider, network operator, or other vendor.

This phone is intended for use with BL-5CA battery.

1. Press the back cover release button (1), open the back cover, and remove it (2, 3). Lift the battery from the finger grip, and remove it (4).



2. Carefully lift the SIM card holder from the finger grip of the phone (5). Insert the SIM card, ensuring that the bevelled corner is on the upper right side and that the golden contact

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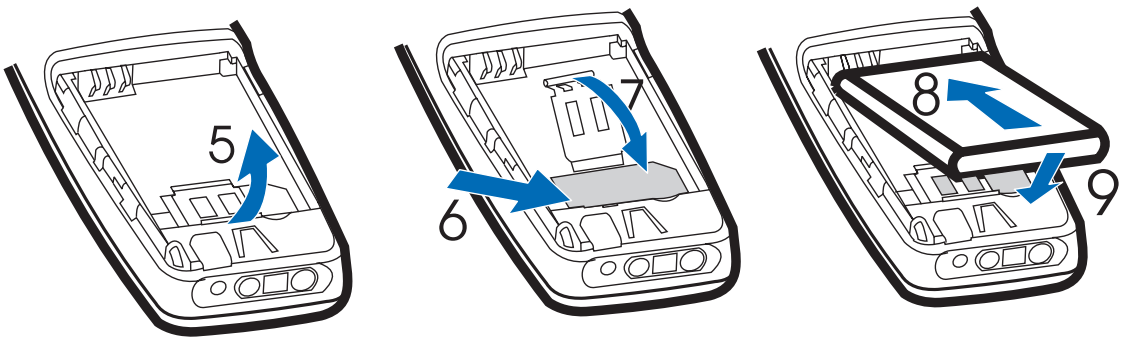
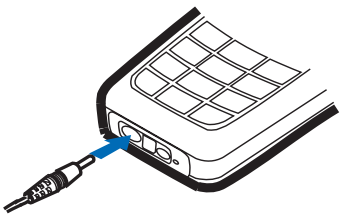
is facing downward (6). Close the SIM card holder (7), and press it to lock it into place. Insert the battery (8, 9).



Charge the battery

1. Connect the charger to an ac wall outlet.
2. Connect the plug from the charger to the jack on the bottom of the phone. The battery indicator bar starts scrolling.



If *Not charging* is displayed, wait for a while, disconnect the charger, plug it in again, and retry. If charging still fails, contact your dealer.

3. When the battery is fully charged, the bar stops scrolling. Disconnect the charger from the phone and the ac outlet.

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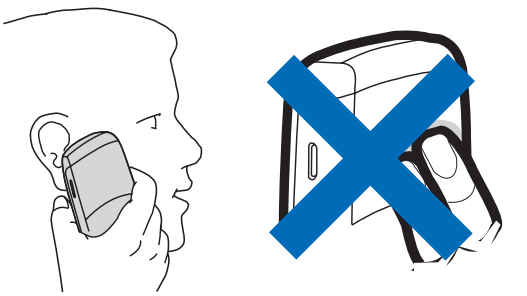
Switch on or off

Press and hold the end key for a few seconds.

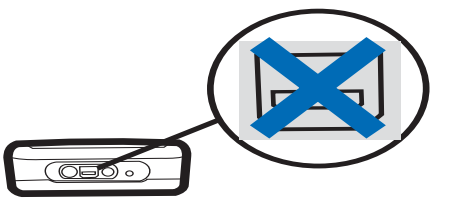
Use the phone only in its normal operating position.

Your device has an internal antenna.



Note: As with any other radio transmitting device, do not touch the antenna unnecessarily when the device is switched on. Contact with the antenna affects call quality and may cause the device to operate at a higher power level than otherwise needed. Avoiding contact with the antenna area when operating the device optimizes the antenna performance and the battery life.

Note: Avoid touching this connector as it is sensitive to electrostatic discharge.



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Demo mode

You may view how to use certain features of your phone. If the SIM card is not installed, select **Demo** > *Basics*, *More* or *Games*.

If the SIM card is installed, select **Menu** > *Extras* > *Demo* > *Basics* or *More*.

Shortcuts in the standby mode

Scroll up to access *Call register*.

Scroll down to access the names and numbers saved in *Contacts*.

Scroll left to write a message.

Scroll right to access the demo mode.

Press and hold * to activate the speaking clock.

Press the call key once to access the list of dialed numbers. Scroll to the name or number that you want, and to call the number, press the call key.

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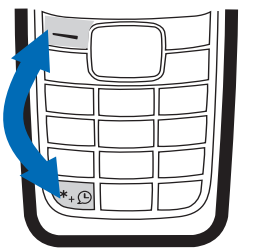
Lock the keypad



To lock the keypad to prevent keys from being pressed accidentally, in the standby mode, select **Menu**, and press * quickly; to unlock, select **Unlock**, and press * quickly.

When the keypad lock is on, calls may be possible to the official emergency number programmed into your device.

Enter the emergency number, and press the call key. The emergency number you have entered may not be displayed on the screen.

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2. Call functions

Make a call and answer a call

To make a call, do the following:

1. Enter the phone number including the area code if necessary. The country code should be included, if necessary.
2. Press the call key to call the number. Scroll right to increase or left to decrease the volume of the earpiece or headset during the phone call.

To answer an incoming call, press the call key. To reject the call without answering, press the end key.

Loudspeaker

If available, you may select **Loudsp.** or **Hands.** to use the loudspeaker or the earpiece of the phone during a call.

Warning: Do not hold the device near your ear when the loudspeaker is in use, because the volume may be extremely loud.

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3. Write text

You can enter text in two different ways: the traditional text input indicated by , or predictive text input (built-in dictionary) indicated by .

To use traditional text input, press the key marked with the letter that you want repeatedly until the letter appears.

To turn on predictive text input when writing text, select **Options** > *Dictionary* and the desired language; to turn it off, select **Options** > *Dictionary off*.

To use predictive text input, do the following:

1. To enter the word you want, press each key once for a single letter.
2. If the displayed word is the one you want, press **0**, and start writing the next word.

   To change the word, press * repeatedly until the word you want appears.

   If ? is displayed after the word, the word is not in the dictionary. To add the word to the dictionary, select **Spell**, enter the word (using traditional text input), and select **OK**.

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Tips for writing text with traditional and predictive text input:

- To add a space, press **0**.
- To quickly change the text input method when writing text, press **#** repeatedly and check the indicator at the top of the display.
- To add a number, press and hold the desired number key.
- To get a list of special characters when using traditional text input, press *; when using predictive text input, press and hold *.

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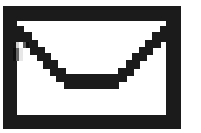
4. Menu functions

In the standby mode, select **Menu** and the desired menu and submenu. Select **Exit** or **Back** to exit the current level of menu. Press the end key to return to the standby mode directly.

Not all menu functions or option items are described here.

Messages



Message settings

To edit your message settings, select **Menu** > *Messages* > *Message settings*.

Select *Sending profile* > *Message centre number* to save the phone number needed for sending text and picture messages. You obtain this number from your service provider.

Select *Character support* (network service) to set whether the *Full* or *Reduced* coding is used when sending a text message.

Select *No. screening* to view or edit the list of filtered numbers.

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Create message

Your device supports the sending of text messages beyond the character limit for a single message. Longer messages will be sent as a series of two or more messages. Your service provider may charge accordingly. Characters that use accents or other marks, and characters from some language options like Chinese, take up more space limiting the number of characters that can be sent in a single message.

The number of available characters and the current part number of a multipart message is shown on the top right of the display, for example, 917/1.

1. In the standby mode, select **Menu** > *Messages* > *Create message*.
2. Write the message.
3. To send the message, select **Options** > *Send*, enter the recipient's phone number, and select **OK**.

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Note: When sending messages, your device may display *Message Sent*. This is an indication that the message has been sent by your device to the message center number programmed into your device. This is not an indication that the message has been received at the intended destination. For more details about messaging services, check with your service provider.

Read a text message

When you receive text messages, the number of new messages as well as an icon are shown on the display in the standby mode.

Select **Show** to view the messages immediately, or **Exit** to view it later in **Menu** > *Messages* > *Inbox*.

Drafts and sent items

In the *Drafts* menu, you can view the messages that you saved with the *Save message* menu. In the *Sent items* menu, you can view the copies of the messages that you sent.

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Picture messages (network service)

You can receive and send messages that contain pictures. Received picture messages are saved in the *Inbox*. Note that each picture message comprises several text messages. Therefore, sending one picture message may cost more than one text message.

Note: The picture message function can be used only if it is supported by your network operator or service provider. Only compatible devices that offer picture message features can receive and display picture messages. The appearance of a message may vary depending on the receiving device.

Delete messages

To delete all read messages or all the messages in a folder, select **Menu** > *Messages* > *Delete messages* > *All read* or the desired folder.

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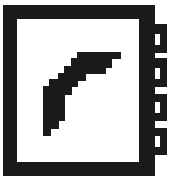
Contacts



You can save names and phone numbers in the phone memory and in the SIM card memory. The internal phone book can store up to 200 names.

Search for a name and phone number

Scroll down in the standby mode, and enter the first letters of the name. Scroll to the name that you want.

You can also use the following options in the *Contacts* menu:

Add contact—To save names and phone numbers in the phone book

Delete—To delete names and phone numbers from the phone book individually or all at once

Copy—To copy names and phone numbers all at once or one by one from the internal phone book to the SIM phone book, or vice versa

Settings for contacts

Select **Menu** > *Contacts* > *Settings* and from the available options:

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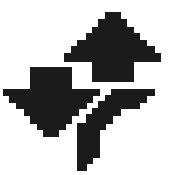
Memory in use—To select whether the names and phone numbers are saved in *Phone* or *SIM card*. When you change the SIM card, *SIM card* memory is automatically selected.

Contacts view—To select how the names and phone numbers are shown. When you view the **Details** of a contact with *Contacts view* set to *Name list* or *Name only*, the name or phone number saved in the SIM card memory is indicated by and the name or phone number saved in the phone memory is indicated by .

Memory status—To check how many names and phone numbers are already saved and how many can still be saved in each phone book.

Call register



The phone registers the phone numbers of missed, received, and dialed calls; the approximate length of your calls; and the number of sent and received messages.

The phone registers missed and received calls if it is switched on, within the network service area, and the network supports these functions.

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Call timers

Select **Menu** > *Call register* > *Call duration* to view the approximate duration of the last call, all received calls, all dialled calls, or the approximate duration of all calls.

To reset the timers, select *Clear timers*, enter the security code, and select **OK**.

Note: The actual invoice for calls and services from your service provider may vary, depending upon network features, rounding off for billing, taxes and so forth.

Settings

In this menu, you can adjust various phone settings. To reset some menu settings to their default values, select *Restore factory set.*.

Tone settings

Select **Menu** > *Settings* > *Tone settings* and from the available options:

Ringing tone—To set the tone for incoming calls

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Ringing volume—To set the volume level for the ringing and message alert tones. If you set *Ringing volume* to be level 2 or above, your phone rings with the ringing volume ascending from level 1 to the level you have set when there is an incoming call.

Vibrating alert—To set the phone to vibrate when you receive a call or a text message

Message alert tone—To set the tone to sound when you receive a text message

Warning tones—To set the phone to sound tones, for example, when the battery is running out of power

Display settings

Select **Menu** > *Settings* > *Display settings*.

Select *Power saver clock* to set the phone to show the digital or classic clock and all the main display icons as a screen saver.

Profiles

You can customize the profiles to use certain features, such as ringing tones and screen saver.

Select **Menu** > *Settings* > *Profiles*, the profile that you want to modify, and *Personalise*.

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Time settings

Select **Menu** > *Settings* > *Time settings*.

Select *Clock* to hide or show the clock, to set the time, or to edit the time format.

If the battery was removed from the phone, you may need to set the time and date again.

Call settings

Select **Menu** > *Settings* > *Call settings*, and the following options:

Select *Call divert* (network service) to divert your incoming calls to your voice mailbox or to some other phone number. Scroll to the divert option you want and select *Activate* to set the selected divert option on and *Cancel* to set it off; to check whether the selected option is active, select *Check status*; to specify a delay for certain diverts, select *Set delay time* (not available for all divert options). Several divert options may be active at the same time. When *Divert all voice calls* is activated, is shown on the display in the standby mode. To deactivate all call diverts, select *Cancel all diverts*.

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Select *Send my caller identity* (network service) to determine if your phone number is displayed to or hidden from the person you are calling.

Select *Automatic redial* to set your phone to make up to 10 attempts to connect the call after an unsuccessful call attempt.

Select Call waiting service (network service) to let the network notify you of a new incoming call while you have a call in progress.

Phone settings

Select **Menu** > *Settings* > *Phone settings*.

Select *Language* to select the language for the display texts.

Cost settings

Note: The actual invoice for calls and services from your service provider may vary, depending on network features, rounding off for billing, taxes, and so forth.

Select **Menu** > *Settings* > *Cost settings*, and *Prepaid tracker* (network service) to view information of prepaid credit; *In-call timer* to turn the call time display on or off; *Call summary* to turn the approximate call time report on or off; *Call costs*

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(network service) to view the approximate cost of your last call or all calls in terms of units specified within the *Show costs in* function.

Note: When no more charging units or currency units are left, calls may only be possible to the official emergency number programmed into the device.

Enhancement settings

Select **Menu** > *Settings* > *Enhancement settings* > *Headset* or *Loopset*.

Select *Automatic answer* to set the phone to automatically answer an incoming call after 5 seconds.

The accessory settings menu item becomes visible only after one of the accessories has been connected to the phone.

Right selection key setting

In the standby mode, you may select **Go to** to access a list of shortcuts. To define or organize the shortcuts, select **Menu** > *Settings* > *Right selection key settings*. Scroll to *Select options* to select the functions that you want as shortcuts; scroll to

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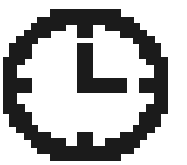
Organise to organize the order of the functions in the shortcut list.

Clock



In the standby mode, select **Menu** > *Clock* > *Alarm time* to set the time for the alarm. Scroll to *Alarm tone* to select the tone for the alarm, *Repeat alarm* to set the alarm to sound only once or repeatedly on certain days of the week and *Speaking clock* to let the phone speak the time. When the alarm sounds, select **Stop** to stop the alarm or **Snooze** to stop the alarm and set it to ring again in 10 minutes.

If the alarm time is reached while the device is switched off, the device switches itself on and starts sounding the alarm tone. If you select **Stop**, the device asks whether you want to activate the device for calls. Select **No** to switch off the device or **Yes** to make and receive calls. Do not select **Yes** when wireless phone use may cause interference or danger.

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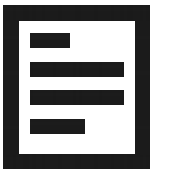
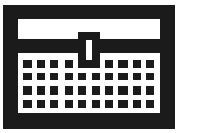
Reminders



To save a short text note with an alarm, select **Menu** > *Reminders* > *Add new*. When the reminder time is reached, select **Quit** to stop the alarm or **Postp.** to let the phone alarm again in 10 minutes.

Extras



Calculator

Note: This calculator has limited accuracy and is designed for simple calculations.

Select **Menu** > *Extras* > *Calculator*.

1. Press keys **0** to **9** to insert digits and **#** to insert a decimal point. To change the sign of the entered number, press *.
2. Scroll up or down to highlight +, -, x, or /.
3. Repeat steps 1 and 2 if necessary.
4. To get the result, select **Equals**.

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Converter

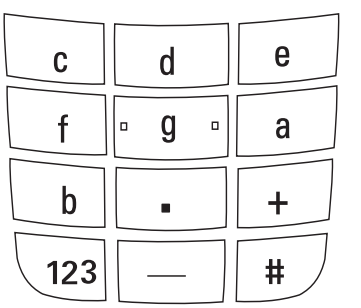
You can convert different measurement units.

In the standby mode, select **Menu** > *Extras* > *Converter*.
To access your last five conversions, select *Last 5 conv.*. You can also select from the six predefined unit categories.

You can add your own conversions with *My conversions*.

When doing a conversion, you may scroll up or down to swap the positions of the units in the conversion.

Composer



Select **Menu** > *Extras* > *Composer* and a tone. To create your own ringing tones, enter the notes. For example, press **4** for note **f**. Press **8** to shorten (-) and **9** to lengthen (+) the duration of the note or rest. Press **0** to insert a rest, * set the octave, and # to make the note sharp (not available for notes **e** and **b**).

After you complete the ringing tone, select **Options** > *Play*, *Save*, *Tempo*, *Send*, *Clear screen* or *Exit*.

Leaving applications running in the background increases the demand on battery power and reduces the battery life.

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SIM services

Your SIM card may provide additional services that you can access. This menu is shown only if it is supported by your SIM card. The name and contents of the menu depend on the SIM card.

For information, contact your service provider.

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5. Battery information

Charging and discharging

Your device is powered by a rechargeable battery. The full performance of a new battery is achieved only after two or three complete charge and discharge cycles. The battery can be charged and discharged hundreds of times, but it will eventually wear out. When the talk and standby times are noticeably shorter than normal, replace the battery. Use only Nokia approved batteries, and recharge your battery only with Nokia approved chargers designated for this device.

If a replacement battery is being used for the first time or if the battery has not been used for a prolonged period, it may be necessary to connect the charger and then disconnect and reconnect it to start the charging.

Unplug the charger from the electrical plug and the device when not in use. Do not leave fully charged battery connected to a charger, since overcharging may shorten its lifetime. If left unused, a fully charged battery will lose its charge over time.

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If the battery is completely discharged, it may take a few minutes before the charging indicator appears on the display or before any calls can be made.

Use the battery only for its intended purpose. Never use any charger or battery that is damaged.

Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object such as a coin, clip, or pen causes direct connection of the positive (+) and negative (-) terminals of the battery. (These look like metal strips on the battery.) This might happen, for example, when you carry a spare battery in your pocket or purse. Short-circuiting the terminals may damage the battery or the connecting object.

Leaving the battery in hot or cold places, such as in a closed car in summer or winter conditions, will reduce the capacity and lifetime of the battery. Always try to keep the battery between 15°C and 25°C (59°F and 77°F). A device with a hot or cold battery may not work temporarily, even when the battery is fully charged. Battery performance is particularly limited in temperatures well below freezing.

Do not dispose of batteries in a fire as they may explode. Batteries may also explode if damaged. Dispose of batteries according to local regulations. Please recycle when possible. Do not dispose as household waste.

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Nokia battery authentication guidelines

Always use original Nokia batteries for your safety. To check that you are getting an original Nokia battery, purchase it from an authorized Nokia dealer, look for the Nokia Original Enhancements logo on the packaging and inspect the hologram label using the following steps:

Successful completion of the four steps is not a total assurance of the authenticity of the battery. If you have any reason to believe that your battery is not an authentic original Nokia battery, you should refrain from using it, and take it to the nearest authorized Nokia service point or dealer for assistance. Your authorized Nokia service point or dealer will inspect the battery for authenticity. If authenticity cannot be verified, return the battery to the place of purchase.

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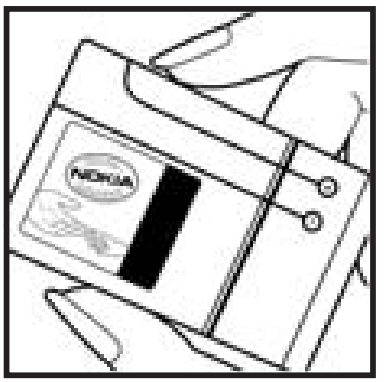
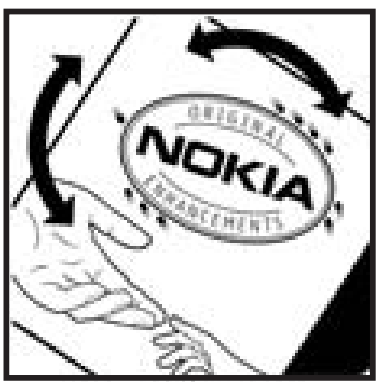
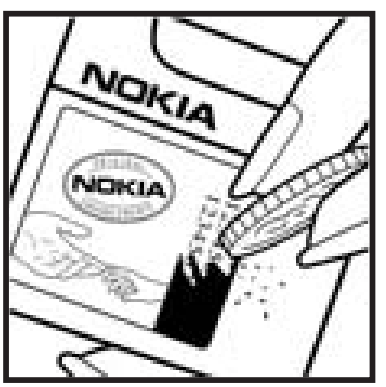
Authenticate hologram



1. When looking at the hologram on the label, you should see the Nokia connecting hands symbol from one angle and the Nokia Original Enhancements logo when looking from another angle.



2. When you angle the hologram left, right, down, and up, you should see 1, 2, 3, and 4 dots on each side respectively.



3. Scratch the side of the label to reveal a 20-digit code, for example, 12345678919876543210. Turn the battery so that the numbers are facing upwards. The 20-digit code reads starting from the number at the top row followed by the bottom row.

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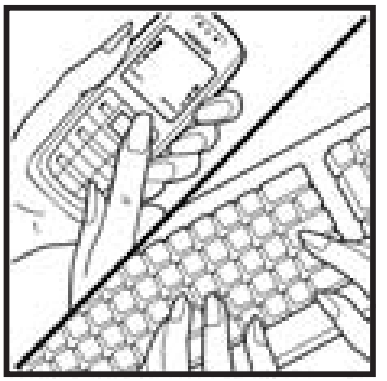

4. Confirm that the 20-digit code is valid by following the instructions at www.nokiaoriginals.com/check.

To create a text message, enter the 20-digit code, for example, 12345678919876543210, and send to +44 7786 200276.

To create a text message,

- For countries in Asia Pacific, excluding India: Enter the 20-digit code, for example, 12345678919876543210, and send to +61 427151515.
- For India only: Enter Battery followed by the 20-digit battery code, for example, Battery 12345678919876543210, and send to 5555.

National and international operator charges will apply.

You should receive a message indicating whether the code can be authenticated.

If you need assistance confirming the battery code, contact your local Nokia Care Centres listed at www.nokia-asia.com/carecentrelocator.

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What if your battery is not authentic?

If you cannot confirm that your Nokia battery with the hologram on the label is an authentic Nokia battery, please do not use the battery. Take it to the nearest authorized Nokia service point or dealer for assistance. The use of a battery that is not approved by the manufacturer may be dangerous and may result in poor performance and damage to your device and its enhancements. It may also invalidate any approval or warranty applying to the device.

To find out more about original Nokia batteries, visit www.nokiaoriginals.com/battery.

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6. Genuine Enhancements

A new extensive range of enhancements is available for your phone. Select the enhancements which accommodate your specific communication needs.

Some of the enhancements are described in detail below.

For availability of the enhancements, please check with your local dealer.

A few practical rules about accessories and enhancements.

- Keep all accessories and enhancements out of the reach of small children.
- When you disconnect the power cord of any accessory or enhancement, grasp and pull the plug, not the cord.
- Check regularly that enhancements installed in a vehicle are mounted and are operating properly.
- Installation of any complex car enhancements must be made by qualified personnel only.

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Use only batteries, chargers and enhancements approved by the phone manufacturer. The use of any other types may invalidate any approval or warranty applying to the phone, and may be dangerous.

Battery

Type	Tech	Talktime*	Standby*
BL-5CA	Li-ion	Up to 3hr 10min - 5hr 20min	Up to 245hr - 380hr

* Variation in operation times may occur depending on SIM card, network and usage settings, usage style and environments.
Use of FM radio and integrated hands-free will affect talktime and standby.

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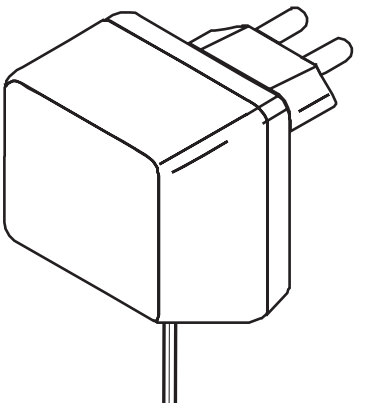
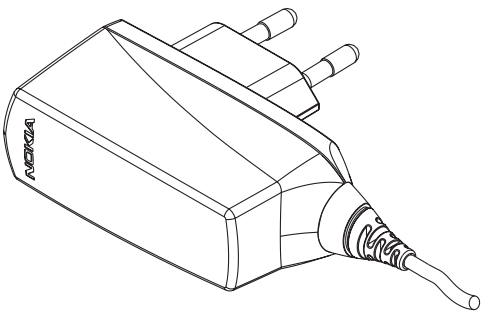
Standard Charger (ACP-7)



Small, lightweight and durable charger ACP-7 provides and easy and convenient way to charge the phone. It is easy to connect to phone or desktop stand.

Note: The plug types vary according to different markets.

Travel Charger (ACP-12)



Small, lightweight travel charger with multi voltage (100 - 240V) switcher technology. Provides easy and convenient way to charge the phone.

Note: The plug types vary according to different markets.

Nokia Travel Charger (AC-2)

Small and light weight travel charger with smaller charging plug to charge your phone battery.

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Audio

Nokia Headset HDE-2

This small and lightweight portable headset with clip is easy and convenient to use.

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7. Care and maintenance

Your device is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you protect your warranty coverage.

- Keep the device dry. Precipitation, humidity and all types of liquids or moisture can contain minerals that will corrode electronic circuits. If your device does get wet, remove the battery and allow the device to dry completely before replacing it.
- Do not use or store the device in dusty, dirty areas. Its moving parts and electronic components can be damaged.
- Do not store the device in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the device in cold areas. When the device returns to its normal temperature, moisture can form inside the device and damage electronic circuit boards.
- Do not attempt to open the device other than as instructed in this guide.
- Do not drop, knock, or shake the device. Rough handling can break internal circuit boards and fine mechanics.

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- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the device.
- Do not paint the device. Paint can clog the moving parts and prevent proper operation.
- Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the device and may violate regulations governing radio devices.
- Use chargers indoors.
- Always create a backup of data you want to keep (such as contacts and calendar notes) before sending your device to a service facility.

All of the above suggestions apply equally to your device, battery, charger, or any enhancement. If any device is not working properly, take it to the nearest authorized service facility for service.

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8. Additional safety information

Your device and its enhancements may contain small parts. Keep them out of the reach of small children.

Operating environment

Remember to follow any special regulations in force in any area, and always switch off your device when its use is prohibited or when it may cause interference or danger. Use the device only in its normal operating positions. This device meets RF exposure guidelines when used either in the normal use position against the ear or when positioned at least 1.5 centimeters from the body. When a carry case, belt clip or holder is used for body-worn operation, it should not contain metal and should position the device the above-stated distance from your body.

Parts of the device are magnetic. Metallic materials may be attracted to the device. Do not place credit cards or other magnetic storage media near the device, because information stored on them may be erased.

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Medical devices

Operation of any radio transmitting equipment, including wireless phones, may interfere with the functionality of inadequately protected medical devices. Consult a physician or the manufacturer of the medical device to determine if they are adequately shielded from external RF energy or if you have any questions. Switch off your device in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 15.3 centimeters (6 inches) be maintained between a wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research. Persons with pacemakers should:

- Always keep the device more than 15.3 centimeters (6 inches) from the pacemaker
- Not carry the device in a breast pocket

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- Hold the device to the ear opposite the pacemaker to minimize the potential for interference.

If you suspect interference, switch off your device and move the device away.

Hearing aids

Some digital wireless devices may interfere with some hearing aids. If interference occurs, consult your service provider.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles such as electronic fuel injection systems, electronic antiskid (antilock) braking systems, electronic speed control systems, air bag systems. For more information, check with the manufacturer or its representative of your vehicle or any equipment that has been added.

Only qualified personnel should service the device, or install the device in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty that may apply to the device. Check regularly that all wireless device equipment in your vehicle is mounted and operating properly. Do not store or carry flammable liquids, gases, or explosive materials in the

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same compartment as the device, its parts, or enhancements. For vehicles equipped with an air bag, remember that air bags inflate with great force. Do not place objects, including installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Using your device while flying in aircraft is prohibited. Switch off your device before boarding an aircraft. The use of wireless teledevices in an aircraft may be dangerous to the operation of the aircraft, disrupt the wireless telephone network, and may be illegal.

Potentially explosive environments

Switch off your device when in any area with a potentially explosive atmosphere and obey all signs and instructions. Potentially explosive atmospheres include areas where you would normally be advised to turn off your vehicle engine. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Switch off the device at refuelling points such as near gas pumps at service stations. Observe restrictions on the use of radio equipment in fuel depots, storage, and distribution areas, chemical plants or where

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blasting operations are in progress. Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), and areas where the air contains chemicals or particles such as grain, dust, or metal powders.

Emergency calls

Important: Wireless phones, including this device, operate using radio signals, wireless networks, landline networks, and user-programmed functions. Because of this, connections in all conditions cannot be guaranteed. You should never rely solely on any wireless device for essential communications like medical emergencies.

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To make an emergency call:

1. If the device is not on, switch it on. Check for adequate signal strength.

   Some networks may require that a valid SIM card is properly inserted in the device.
2. Press the end key as many times as needed to clear the display and ready the device for calls.
3. Enter the official emergency number for your present location. Emergency numbers vary by location.
4. Press the call key.

If certain features are in use, you may first need to turn those features off before you can make an emergency call. Consult this guide or your service provider for more information.

When making an emergency call, give all the necessary information as accurately as possible. Your wireless device may be the only means of communication at the scene of an accident. Do not end the call until given permission to do so.

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Certification information (SAR)

THIS DEVICE MEETS INTERNATIONAL GUIDELINES FOR EXPOSURE TO RADIO WAVES

Your mobile device is a radio transmitter and receiver. It is designed and manufactured not to exceed the limits for exposure to radio frequency (RF) recommended by international guidelines (ICNIRP). These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The guidelines include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for mobile devices employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit stated in the international guidelines is 2.0 watts/kilogram (W/kg)*. Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR of the device while operating can be well below the maximum value. This is because the device is designed to operate at multiple power levels so as to use only the power

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required to reach the network. In general, the closer you are to a base station, the lower the power output of the device.

The highest SAR value for this device when tested for use at the ear is 0.78 W/kg.

SAR values may vary depending on national reporting and testing requirements and the network band. Use of device accessories and enhancements may result in different SAR values. Additional SAR information may be provided under product information at www.nokia-asia.com.

* The SAR limit for mobile devices used by the public is 2.0 W/kg averaged over 10 grams of body tissue. The guidelines incorporate a substantial margin of safety to give additional protection for the public and to account for any variations in measurements. SAR values may vary depending on national reporting requirements and the network band. For SAR information in other regions, please look under product information at www.nokia.com.

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